



BUILDINGS FOR THE 21ST CENTURY

LECTURE SERIES 2001
AT THE NATIONAL BUILDING MUSEUM

ENERGYPLUS:

DOE's Next-Generation BUILDING ENERGY SIMULATION SOFTWARE

Thursday, April 12, 2001 12:30 p.m. – 1:30 p.m.
National Building Museum 401 F St., NW, Washington, DC



Looking at buildings from a "whole building" perspective requires an analysis of complex, integrated systems.

The latest information technologies dramatically improve whole-building approaches in design, planning, and construction. The convergence of information and energy technologies are opening new doors for energy savings, cost savings, and indoor environmental quality. User-friendly software is now making it as easy as the click of a mouse.

The U. S. Department of Energy will unveil **EnergyPlus**, a new-generation building energy simulation program from the creators of BLAST and DOE-2. Design, construction, and real estate professionals who want to minimize energy use and cost, and optimize building performance, will not want to miss the demonstration of this powerful new software.

Demonstrations will also include the latest upgrades to other DOE software, including:

- **Building Design Advisor** – a program for the initial, schematic phases of building design through the detailed specification of building components and systems, and
- **Energy-10** – a program for small buildings that integrates daylighting, passive solar heating, and low-energy cooling strategies with energy-efficient envelope design and mechanical equipment.



– **SPECIAL BONUS** –
A free EnergyPlus CD
for the first 100 guests.



DRURY B. CRAWLEY manages the Building Energy Tools and Commercial Buildings R&D programs at the U.S. Department of Energy. He has more than 20 years experience working in energy efficiency and renewable energy for government organizations and private sector companies. As a registered architect, Mr. Crawley is active in ASHRAE, AIA, IBPSA, and IEA, and has published more than 80 papers and articles on building energy efficiency, sustainability, and renewable energy topics.



MARK YOUR CALENDARS NOW!

May 23 **Judy Heerwagen, Ph. D., Pacific Northwest National Laboratory**
Why Should Green Buildings Yield Productivity Benefits?

June 6 **Muscoe Martin, AIA, Susan Maxman & Partners, Ltd., Architects**

The AIA Committee on the Environment's Top Ten Green Buildings of 2001

Look for more information coming your way soon!

No registration is necessary. Space is limited. Lectures are free and open to the public.
For information: www.nbm.org or call 202-272-2448; or www.eren.doe.gov/buildings
THE NATIONAL BUILDING MUSEUM, 401 F STREET, N.W. (Judiciary Square Metro Station)



OFFICE OF BUILDING TECHNOLOGY, STATE AND COMMUNITY PROGRAMS
ENERGY EFFICIENCY AND RENEWABLE ENERGY
U.S. DEPARTMENT OF ENERGY

